

Storm Data and Unusual Weather Phenomena - February 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Southeast				

ASHLEY COUNTY --- 2.7 S WHITLOW [33.18, -91.98], 1.6 S THEBES [33.26, -91.60]

02/11/09 03:35 CST	2K	Thunderstorm Wind (EG 60 kt)
02/11/09 03:50 CST	0	Source: Law Enforcement

A line of severe storms caused down trees on Ashley Road, just off Highway 461, and along East Lincoln, and Jefferson Streets in Hamburg. Numerous trees were also down on Hancock Road in North Crossett.

A squall line of strong to severe storms caused some isolated storm damage across extreme southeast Arkansas. This line of storms continued to weaken as it moved through the region.

ASHLEY COUNTY --- 2.0 W HAMBURG [33.23, -91.85], 4.0 NE PARKDALE [33.16, -91.50]

02/27/09 08:03 CST	3K	Hail (1.50 in)
02/27/09 08:33 CST	0	Source: Emergency Manager

An supercell thunderstorm produced a swath of quarter to ping pong ball size hail across most of central Ashley County.

ASHLEY COUNTY --- 4.3 WNW WEST CROSSETT [33.15, -92.05], 3.0 N PARKDALE [33.16, -91.55]

02/27/09 08:10 CST	3K	Hail (1.50 in)
02/27/09 09:03 CST	0	Source: Emergency Manager

A second supercell thunderstorm also moved across all of central Ashley County and produced a swath of quarter to ping pong ball sized hail.

CHICOT COUNTY --- 3.2 N EMPIRE [33.17, -91.44], 6.0 ENE EUDORA [33.15, -91.17]

02/27/09 08:33 CST	2K	Hail (1.25 in)
02/27/09 09:02 CST	0	Source: Law Enforcement

An isolated severe storm caused a swath of nickel to half dollar size hail across the southern portion of the county.

ASHLEY COUNTY --- 4.3 W WEST CROSSETT [33.13, -92.05], 3.8 W PARKDALE [33.12, -91.62]

02/27/09 09:07 CST	2K	Hail (1.25 in)
02/27/09 09:50 CST	0	Source: Law Enforcement

A 3rd supercell thunderstorm moved across a large portion of Ashley County and produced a swath of quarter to half dollar sized hail.

CHICOT COUNTY --- 2.9 SSE HUDSPETH [33.39, -91.44], 2.7 ENE YELLOW BAYOU [33.42, -91.21]

02/27/09 11:55 CST	0	Hail (1.75 in)
02/27/09 12:20 CST	0	Source: Law Enforcement

An isolated severe storm produced a swath of quarter to golf ball sized hail across northern Chicot County. This storm continued to produce large hail as it crossed the Mississippi River into Washington County.

A severe weather event containing large hail, heavy rainfall, and flash flooding slowly evolved on February 27 and lasted into the early morning hours of the 28th. All the active weather remained focused across the northern portion of the forecast area. This region saw multiple rounds of storms along with several episodes of severe weather. The majority of the severe storms occurred between 6 and 10 am, then again between noon and 3 pm. Due to the slow evolution of the system and repetitive nature of many storms, locally heavy rainfall occurred with many reports of flash flooding. The heaviest rains fell along and north of a line from Grenada to Starkville to Columbus Mississippi. Here rainfall totals ranged from 5 to 8 inches. Between 4 and 6 am, on February 28, the rainfall finally shifted out of the area.

MISSISSIPPI, Central

(MS-Z025) LEFLORE

02/11/09 11:45 CST	20K	Strong Wind (MAX 43 kt)
02/11/09 12:15 CST	0	

Strong pressure gradient winds, behind a strong cold front, caused some downed trees in northwest portions of Mississippi.

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
HINDS COUNTY --- 1.7 NNW NOGAN [32.27, -90.23], 1.8 NE NOGAN [32.27, -90.20], 1.2 ENE NOGAN [32.26, -90.20], 0.7 NW NOGAN [32.26, -90.23]	02/13/09 16:00 CST		40K	Flood (due to Heavy Rain)
	02/13/09 18:00 CST		0	Source: Emergency Manager

A couple streets were flooded across South Jackson. This occurred as 2 inches of rain accumulated over 4 to 5 hours.

A cluster of heavy thunderstorms moved over the Jackson metro area and deposited around 2 inches of rain. This caused some localized flooding in south Jackson. This was brought about by the combination of a northward moving warm front and an upper level disturbance.

SCOTT COUNTY --- 4.8 ENE FOREST [32.39, -89.40], 2.5 N LAKE [32.39, -89.33]	02/18/09 17:06 CST		0	Hail (0.75 in)
	02/18/09 17:09 CST		0	Source: Emergency Manager

An isolated severe storm caused penny sized hail near Highway 80 and Mcmillian Road. This hail storm continued east into Newton County.

NEWTON COUNTY --- 0.7 W HAZEL [32.38, -89.31], 3.0 NW NEWTON [32.35, -89.21]	02/18/09 17:08 CST		0	Hail (0.75 in)
	02/18/09 17:17 CST		0	Source: County Official

An isolated severe storm caused penny sized hail across a portion of west-central Newton County.

LAUDERDALE COUNTY --- 2.0 E MEEHAN [32.33, -88.84], 6.0 E ZERO [32.30, -88.55]	02/18/09 17:50 CST		10K	Hail (0.88 in)
	02/18/09 18:24 CST		0	Source: Public

An isolated, but long lived thunderstorm produced a swath of penny to nickel sized hail across southern Lauderdale County. This hail swath fell from near Meehan to just east of the Zero Community.

LAUDERDALE COUNTY --- (NMM)NAS MERIDIAN [32.55, -88.57]	02/18/09 20:31 CST		0	Thunderstorm Wind (MG 52 kt)
	02/18/09 20:31 CST		0	Source: ASOS

Measured 52 kt (60 mph) wind gust at the Naval Meridian Air Station.

The combination of a strong upper disturbance, instability, gulf moisture and a strong cold front produced isolated severe storms across the region.

BOLIVAR COUNTY --- 1.7 WNW EUTAW [33.66, -91.16], 6.0 E BENOIT [33.65, -90.92]	02/27/09 06:00 CST		0	Hail (0.75 in)
	02/27/09 06:21 CST		0	Source: Public

An isolated severe thunderstorm caused penny size hail which covered the lawn. Some of the hail could have been larger.

SUNFLOWER COUNTY --- 2.1 ESE MC DANIELS [33.46, -90.57], 2.4 E MOORHEAD [33.45, -90.48]	02/27/09 06:43 CST		0	Hail (0.88 in)
	02/27/09 06:49 CST		0	Source: Trained Spotter

An isolated severe thunderstorm dumped nickel size hail along Highway 82 just north of Moorhead.

LEFLORE COUNTY --- 6.6 WSW ITTA BENA [33.46, -90.44], 1.1 NNE QUITO [33.47, -90.31]	02/27/09 06:49 CST		0	Hail (0.88 in)
	02/27/09 07:00 CST		0	Source: Emergency Manager

An isolated severe storm caused nickel size hail near Itta Bena.

BOLIVAR COUNTY --- 1.2 WNW VICTOR [33.79, -90.85], 2.5 E CLEVELAND [33.76, -90.69]	02/27/09 07:18 CST		0	Hail (0.88 in)
	02/27/09 07:30 CST		0	Source: Emergency Manager

An isolated severe thunderstorm caused nickel size hail near Cleveland.

Storm Data and Unusual Weather Phenomena - February 2009

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
SUNFLOWER COUNTY --- 6.4 WSW DREW [33.78, -90.63], 4.6 SE DREW [33.77, -90.47]				
	02/27/09 07:30 CST		2K	Hail (1.25 in)
	02/27/09 07:55 CST		0	Source: Law Enforcement
A swath of quarter to half dollar size hail fell across northern Sunflower County.				
GRENADA COUNTY --- 2.0 E GRENADA [33.78, -89.79], 2.0 N GRENADA [33.81, -89.82], 2.0 W GRENADA [33.78, -89.85], 3.0 S GRENADA [33.74, -89.82]				
	02/27/09 07:45 CST		8K	Flash Flood (due to Heavy Rain)
	02/27/09 09:15 CST		0	Source: Law Enforcement
The first round of heavy rain occurred during the morning hours and produced locally heavy rainfall. This cluster of storms moved through the county and caused water to cover portions of U.S. Highway 51.				
LEFLORE COUNTY --- 6.1 NW HIGHLANDALE [33.74, -90.43], 1.1 SW TINTER CITY [33.74, -90.31]				
	02/27/09 07:45 CST		0	Hail (0.75 in)
	02/27/09 08:16 CST		0	Source: Law Enforcement
An isolated severe storm caused penny size hail near Minter City.				
CLAY COUNTY --- 1.0 N WEST PT [33.61, -88.65]				
	02/27/09 07:57 CST		0.20K	Thunderstorm Wind (EG 50 kt)
	02/27/09 07:57 CST		0	Source: Public
Numerous large limbs were blown down around West Point.				
LOWNDES COUNTY --- 1.9 NNE (CBM)COLUMBUS AFB [33.68, -88.44], 0.7 S CALEDONIA [33.67, -88.33]				
	02/27/09 08:20 CST		0	Hail (0.75 in)
	02/27/09 08:24 CST		0	Source: Emergency Manager
Penny sized hail fell just south of Caledonia.				
LOWNDES COUNTY --- 2.0 S NEW HOPE [33.44, -88.32], 3.1 S MC CRARY [33.43, -88.30]				
	02/27/09 08:31 CST		0.30K	Thunderstorm Wind (EG 50 kt)
	02/27/09 08:33 CST		0	Source: Trained Spotter
A band of severe storms caused numerous large limbs to be downed around New Hope.				
WASHINGTON COUNTY --- 1.6 NE GLEN ALLAN [33.04, -91.00], 3.8 ENE WOODSIDE [33.04, -90.92]				
	02/27/09 09:10 CST		0	Hail (0.88 in)
	02/27/09 09:19 CST		0	Source: Public
An isolated severe storm caused nickel size hail in southern Washington county.				
WASHINGTON COUNTY --- 3.5 WSW WINTERVILLE [33.48, -91.13], 3.3 E PRISCILLA [33.53, -90.94]				
	02/27/09 09:11 CST		0	Hail (1.00 in)
	02/27/09 09:30 CST		0	Source: Public
An isolated severe storm produced a swath of quarter size hail just south of Lamont and across the extreme northern portion of Washington County. This hail swath continued into southeast Bolivar County as the storm moved just north of east.				
SHARKEY COUNTY --- 2.8 NW NITTA YUMA [33.06, -90.88], 3.5 E AUTER [33.06, -90.67]				
	02/27/09 09:20 CST		0	Hail (0.88 in)
	02/27/09 09:37 CST		0	Source: Public
An isolated severe storm caused nickel size hail in northern Sharkey county.				
BOLIVAR COUNTY --- 2.5 ESE STRINGTOWN [33.55, -90.96], 3.1 ESE SHAW [33.58, -90.77]				
	02/27/09 09:28 CST		0	Hail (1.00 in)
	02/27/09 09:43 CST		0	Source: Emergency Manager
An isolated severe storm, which moved out of extreme northern Washington County, produced as swath of quarter size hail across southeast Bolivar County.				

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SUNFLOWER COUNTY --- 1.0 NNW FRAZIER [33.58, -90.75], 4.4 W BLAINE [33.62, -90.61]				
	02/27/09 09:44 CST		0	Hail (0.88 in)
	02/27/09 09:57 CST		0	Source: Public
An isolated severe thunderstorm caused nickel size hail near Shaw and across west central Sunflower County.				
LOWNDES COUNTY --- 3.5 SSW (CBM)COLUMBUS AFB [33.60, -88.46], 2.6 NW STEENS [33.59, -88.35], 0.8 NNW COLUMBUS/LOWNDES CO [33.48, -88.39], 3.2 WSW COLUMBUS [33.49, -88.48]				
	02/27/09 11:10 CST		20K	Flash Flood (due to Heavy Rain)
	02/27/09 13:00 CST		0	Source: Emergency Manager
A series of heavy storms which crossed the county caused portions of two roads to be closed due to high water. The roads that were closed were, College Street and Military Road.				
ATTALA COUNTY --- 5.9 SE KOSCIUSKO ARPT [33.02, -89.48], 10.6 SE ETHEL [33.02, -89.33]				
	02/27/09 11:31 CST		0	Hail (0.88 in)
	02/27/09 11:42 CST		0	Source: Public
An isolated severe storm produced penny to nickel sized hail along a swath just to the north and northeast of the Zama Community.				
BOLIVAR COUNTY --- 3.0 W CLEVELAND [33.75, -90.78], 2.4 E RENOVA [33.78, -90.69]				
	02/27/09 11:40 CST		0	Hail (0.88 in)
	02/27/09 11:50 CST		0	Source: Public
A small swath of nickel sized occurred just west and north of Cleveland.				
OKTIBBEHA COUNTY --- 4.0 W STARKVILLE [33.47, -88.90], 4.7 N ADATON [33.55, -88.93], 3.0 WNW OSBORN [33.54, -88.78], 1.1 NNW STATE COLLEGE [33.44, -88.78]				
	02/27/09 11:45 CST		60K	Flash Flood (due to Heavy Rain)
	02/27/09 13:15 CST		0	Source: Law Enforcement
Several clusters of heavy rain producing storms caused numerous streets to flood around Starkville. The heavy storms also caused standing water and street flooding along Yates street and near Highway 12 by the Starkville Health Department Building.				
CLAY COUNTY --- 3.2 W PHEBA [33.57, -89.01], 0.6 NNW WAVERLY STATION [33.58, -88.53], 3.7 NW WAVERLY STATION [33.61, -88.56], 1.6 S PINEBLUFF [33.66, -89.00]				
	02/27/09 12:00 CST		0.25M	Flash Flood (due to Heavy Rain)
	02/28/09 03:00 CST		0	Source: Law Enforcement
Multiple clusters of heavy rain moved across the county from the afternoon through the early morning hours. Many roads were flooded across the southern portion of the county with several roads closed due to high water. Rainfall amounts between 5 and 8 inches fell across the area.				
MONTGOMERY COUNTY --- 3.1 NNW DUCK HILL [33.67, -89.75], 2.6 N ALOA [33.67, -89.52], 2.5 N LODI [33.59, -89.53], 1.4 S DUCK HILL [33.61, -89.72]				
	02/27/09 12:00 CST		0.10M	Flash Flood (due to Heavy Rain)
	02/27/09 13:30 CST		0	Source: Fire Department/Rescue
Locally heavy rain fell across the northern portion of the county which resulted in several roads flooded within the community of Duck Hill and surrounding low lying areas.				
WASHINGTON COUNTY --- 1.7 SW NORTH GREENVILLE [33.43, -91.05], 3.0 N LELAND [33.44, -90.92]				
	02/27/09 12:30 CST		0	Hail (1.75 in)
	02/27/09 12:41 CST		0	Source: Emergency Manager
An isolated severe thunderstorm dumped golf ball size hail at Greenville Airport.				
WEBSTER COUNTY --- 2.5 NE CLARKSON [33.65, -89.12], 0.8 N MATHISTON [33.54, -89.12], 7.3 NW PELLEZ [33.56, -89.47], 3.7 SSW CADARETTA [33.65, -89.48]				
	02/27/09 13:00 CST		0.50M	Flash Flood (due to Heavy Rain)
	02/28/09 03:10 CST		0	Source: Public

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Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
Multiple clusters of heavy rains and thunderstorms moved across most of Webster County. This rain event lasted for quite some time with multiple storms occurring from afternoon through the overnight hours. Flooding was extensive across the county with many roads flooded. Several roads were actually closed due to high water as 5 to 8 inches of rain fell across the area. A few homes were also flooded with a home around Mathiston having up to 4 feet of water in it.				

GRENADA COUNTY --- 1.3 SSW REDDING [33.70, -89.54], 2.8 WSW SWEET HOME [33.71, -89.95], 2.0 NW DUBARD [33.79, -89.94], 4.8 E GRAYSPORT [33.79, -89.54]

02/27/09 13:30 CST	0.30M	Flash Flood (due to Heavy Rain)
02/28/09 03:15 CST	0	Source: Law Enforcement

A series of thunderstorms, which produced several rounds of heavy rain, moved across the county and caused road and street flooding. This rain event lasted for a long time as multiple rounds of heavy rain caused the flooding to linger from the afternoon hours until the morning hours of the 28th.

BOLIVAR COUNTY --- 1.0 SE CLEVELAND [33.74, -90.72], 1.4 W CLEVELAND MUNI ARPT [33.75, -90.77], 3.3 W MERIGOLD [33.82, -90.79], 1.5 ESE MERIGOLD [33.82, -90.71]

02/27/09 14:00 CST	50K	Flash Flood (due to Heavy Rain)
02/27/09 15:00 CST	0	Source: Emergency Manager

A series of heavy storms caused several roads and portions of U.S. Highway 61 to be covered with water near downtown Cleveland. Rainfall between 2 and 3 inches fell.

SUNFLOWER COUNTY --- 2.0 E RULEVILLE [33.73, -90.54], 0.2 W RULEVILLE [33.73, -90.57], 3.3 NNE DOCKERY [33.78, -90.62], 0.5 NE DREW RULEVILLE ARPT [33.79, -90.51]

02/27/09 14:10 CST	0.10M	Flash Flood (due to Heavy Rain)
02/27/09 17:00 CST	0	Source: Emergency Manager

Several clusters of thunderstorms and heavy rainfall caused several flooded streets in and around Ruleville. Rainfall between two and four inches fell around the Ruleville area.

WEBSTER COUNTY --- 3.5 S EMBRY [33.60, -89.39]

02/27/09 14:18 CST	1K	Thunderstorm Wind (EG 50 kt)
02/27/09 14:18 CST	0	Source: Trained Spotter

A few trees were blown down across County Road 26.

NOXUBEE COUNTY --- 3.0 ENE MACON MUNI ARPT [33.15, -88.48], 2.4 E PRAIRIE PT [33.15, -88.33]

02/27/09 14:23 CST	0	Hail (1.00 in)
02/27/09 14:44 CST	0	Source: Public

An isolated severe thunderstorm produced a swath of quarter size hail across central portions of the county, east to the Alabama state line.

NOXUBEE COUNTY --- 0.4 S MACON [33.11, -88.40], 2.2 ESE MACON [33.11, -88.36]

02/27/09 14:36 CST	1K	Tornado (EF0, L: 2.22 mi , W: 75 yd)
02/27/09 14:39 CST	0	Source: NWS Storm Survey

A supercell thunderstorm caused a brief tornado near Prairie Point which touched down along Stoke Williams road. Six to eight trees along a tree line were damaged. A few trees had the tops twisted off and other trees were snapped or downed in a concentrated area. Max winds were around 73 mph.

NOXUBEE COUNTY --- 0.8 WSW HOGEYE COMM [33.15, -88.41]

02/27/09 14:40 CST	2K	Thunderstorm Wind (EG 50 kt)
02/27/09 14:40 CST	0	Source: NWS Storm Survey

Skirting was blown out from a few mobile homes.

MONTGOMERY COUNTY --- 3.5 NW DUCK HILL [33.67, -89.76], 3.2 N ALOA [33.68, -89.52], 2.1 NNE LODI [33.58, -89.52], 1.9 WNW ESKRIDGE [33.59, -89.75]

02/27/09 15:00 CST	0.15M	Flash Flood (due to Heavy Rain)
02/28/09 02:15 CST	0	Source: Law Enforcement

Multiple rounds of thunderstorms and heavy rainfall caused widespread flooding across the county. Several roads were closed during the heavy rainfall event. Rainfall totals between 4 and 6 inches fell across the county during the prolonged rain event.

OKTIBBEHA COUNTY --- 2.4 WSW STARKVILLE [33.46, -88.87], 0.5 SSE STARKVILLE [33.46, -88.83]

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	02/27/09 15:00 CST		0	Hail (0.88 in)
	02/27/09 15:04 CST		0	Source: Public

A cluster of severe storms caused nickel size hail along Highway 182 in Starkville.

OKTIBBEHA COUNTY --- 1.6 ESE SESSUMS [33.41, -88.69], 2.4 ENE OSBORN [33.53, -88.69], 0.8 SSE MABEN [33.54, -89.07], 6.5 NNW STURGIS [33.44, -89.07]

02/27/09 16:10 CST	0.35M	Flash Flood (due to Heavy Rain)
02/28/09 04:30 CST	0	Source: Public

Multiple rounds of thunderstorms and heavy rainfall caused widespread flooding across the county. Several roads were closed during the heavy rainfall event. Rainfall totals between 5 and 8 inches fell across the county during the prolonged rain event.

KEMPER COUNTY --- 2.5 N PRESTON [32.92, -88.83], 0.8 SE GILES [32.82, -88.37]

02/27/09 16:24 CST	0	Hail (0.75 in)
02/27/09 17:12 CST	0	Source: COOP Observer

An isolated severe storm produced a swath of penny sized hail across nearly all of northern Kemper County before moving into Alabama.

LOWNDES COUNTY --- NEW HOPE [33.47, -88.32], 1.7 NNE BENT OAK [33.45, -88.54], 3.8 NNW FLYNN [33.58, -88.47], 0.8 WNW KOLOLA SPGS [33.65, -88.43], 1.7 E CALEDONIA [33.68, -88.30]

02/27/09 17:30 CST	0.45M	Flash Flood (due to Heavy Rain)
02/28/09 04:00 CST	0	Source: Law Enforcement

Multiple clusters of thunderstorms and heavy rains caused several roads in Columbus and across the county to have water covering them. On some roads the asphalt was broken due to water. Rainfall totals between 5 and 8 inches of rain fell during this prolonged rain event.

CLAY COUNTY --- 4.0 NNW PHEBA [33.63, -88.98], 2.8 N WAVERLY STATION [33.61, -88.51]

02/27/09 20:40 CST	0	Hail (0.75 in)
02/27/09 21:31 CST	0	Source: Law Enforcement

A elevated supercell thunderstorm produced a swath of penny sized hail across all of Clay Couty from just north of Pheba, through West Point, and then continued east into northern Lowndes County.

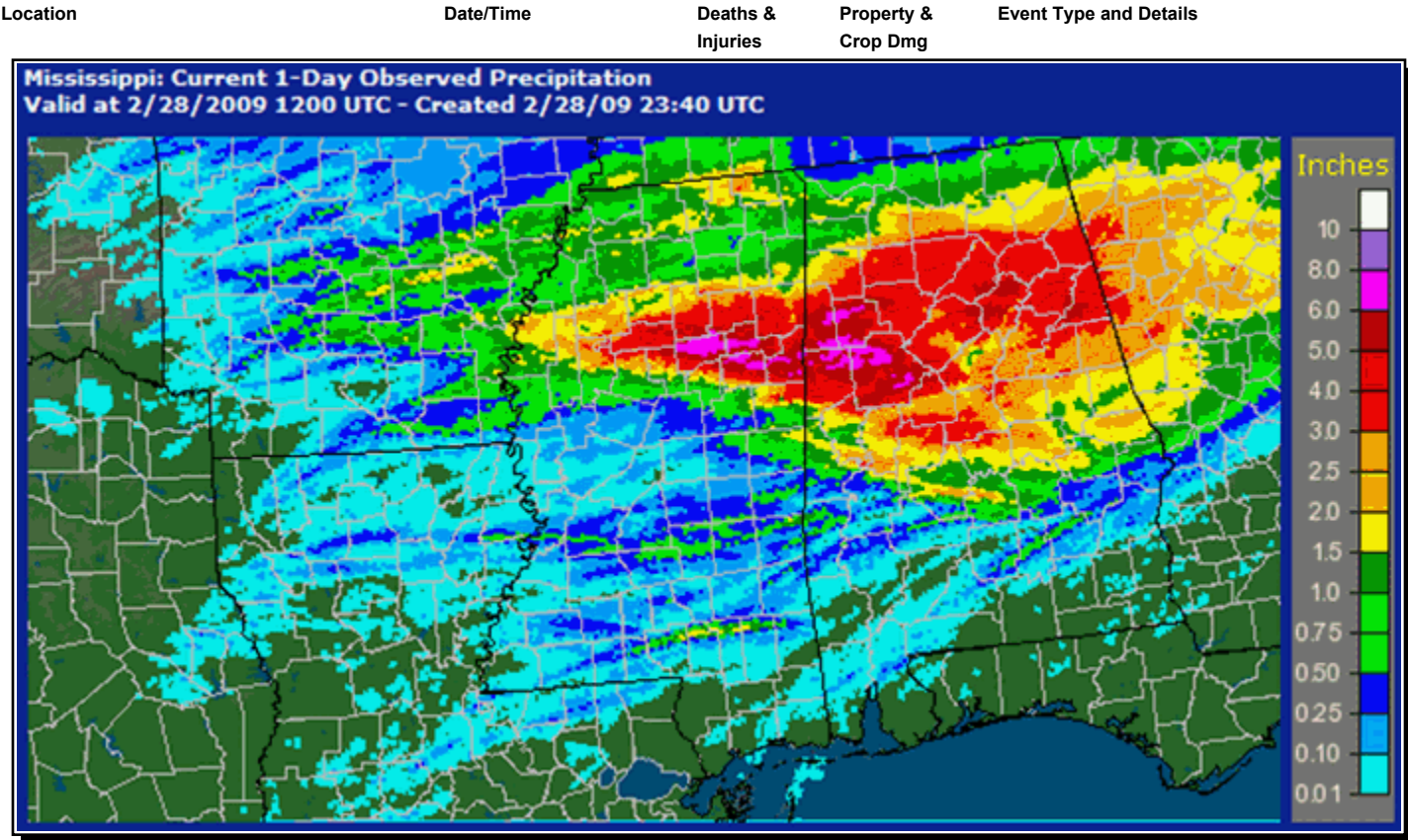
LOWNDES COUNTY --- 2.9 SSW (CBM)COLUMBUS AFB [33.61, -88.48], 3.3 ENE WELLS [33.62, -88.35]

02/27/09 21:32 CST	0	Hail (0.75 in)
02/27/09 21:45 CST	0	Source: County Official

An isolated severe storm caused penny size hail near Columbus AFB.

A severe weather event containing large hail, heavy rainfall, and flash flooding slowly evolved on February 27 and lasted into the early morning hours of the 28th. All the active weather remained focused across the northern portion of the forecast area. This region saw multiple rounds of storms along with several episodes of severe weather. The majority of the severe storms occurred between 6 and 10 am, then again between noon and 3 pm. Due to the slow evolution of the system and repetitive nature of many storms, locally heavy rainfall occurred with many reports of flash flooding. The heaviest rains fell along and north of a line from Grenada to Starkville to Columbus Mississippi. Here rainfall totals ranged from 5 to 8 inches. Between 4 and 6 am, on February 28, the rainfall finally shifted out of the area.

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Regional total rainfall map which shows how the northern portion of the forecast area received widespread 4 to 8 inches of rain. This heavy rain and flooding event occurred on February 27 and 28th, 2009, over 12 to 18 hours.